ABSTRACT

The invention relates to a regulation system [0033] for voltage regulation in the electrical power supply motor vehicle, which system for а contains supercapacitor. In a short-term standby mode (ST), the voltage (U) of the supercapacitor is regulated such that a voltage window (ΔU) is maintained, thus ensuring a minimum energy content in the supercapacitor (4). long-term standby mode (LT), During a the supercapacitor (4) is charged to a voltage (Uh) only when an activation signal (t_A) occurs. The energy for charging is drawn from a second energy store, particular a battery.